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CLAIMS:

What is claimed is:

1.   A method for authorizing offloading of a grid job in a grid computing system, the method comprising:

submitting a grid job to a primary grid resource;

responsive to a certificate request from the primary grid resource, identifying a secondary grid resource that is to run the grid job;

performing authorization with the secondary grid resource; and

if authorization with the grid resource fails, generating an invalid proxy certificate and sending the invalid proxy certificate to the primary grid resource.

2.   The method of claim 1, further comprising:

if authorization with the grid resource fails, generating a valid proxy certificate; and

sending the valid proxy certificate to the primary grid resource.

3.   The method of claim 1, wherein submitting a grid job to a primary grid resource includes submitting the grid job to a grid scheduler,

wherein the grid scheduler selects a primary grid resource and sends the grid job to the primary grid resource.

4.   The method of claim 1, wherein identifying a secondary grid resource that is to run the grid job

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includes submitting a query grid job to the primary grid resource inquiring about an identity of the secondary resource.

5.   The method of claim 1, wherein identifying a secondary grid resource that is to run the grid job includes detecting an address of the secondary grid resource in the certificate request.

6.   The method of claim 1, wherein performing authorization with the secondary grid resource includes submitting an authorization job to the secondary grid resource.

7.   The method of claim 6, wherein the authorization job identifies security elements of the secondary resource.

8.   The method of claim 6, wherein the authorization job determines at least one of an operating system of the secondary grid resource, security updates installed on the secondary grid resource, whether the secondary resource has a trusted operating system, whether any conflicting grid jobs are running on the secondary grid resource.

9.   The method of claim 6, wherein the authorization job determines whether a given command is disabled on the secondary grid resource.

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10. The method of claim 1, wherein performing authorization with the secondary grid resource includes determining whether the secondary grid resource is included in a black list.

11. The method of claim 1, wherein performing authorization with the secondary grid resource includes determining whether the secondary grid resource is included in a white list.

12. The method of claim 1, wherein performing authorization with the secondary grid resource includes performing authorization with the secondary grid resource using one or more rules.

13. An apparatus for authorizing offloading of a grid job in a grid computing system, the apparatus comprising:

   means for submitting a grid job to a primary grid resource;

   means, responsive to a certificate request from the primary grid resource, for identifying a secondary grid resource that is to run the grid job;

   means for performing authorization with the secondary grid resource; and

   means for generating an invalid proxy certificate and sending the invalid proxy certificate to the primary grid resource if authorization with the grid resource fails.

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14.   The apparatus of claim 13, further comprising:
      means for generating a valid proxy certificate and
sending the valid proxy certificate to the primary grid
resource if authorization with the grid resource fails.

15.   The apparatus of claim 13, wherein the means for
submitting a grid job to a primary grid resource includes
means for submitting the grid job to a grid scheduler,
      wherein the grid scheduler selects a primary grid
resource and sends the grid job to the primary grid
resource.

16.   The apparatus of claim 13, wherein the means for
identifying a secondary grid resource that is to run the
grid job includes means for submitting a query grid job
to the primary grid resource inquiring about an identity
of the secondary resource.

17.   The apparatus of claim 13, wherein the means for
identifying a secondary grid resource that is to run the
grid job includes means for detecting an address of the
secondary grid resource in the certificate request.

18.   The apparatus of claim 13, wherein the means for
performing authorization with the secondary grid resource
includes means for submitting an authorization job to the
secondary grid resource.

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19. The apparatus of claim 18, wherein the authorization job identifies security elements of the secondary resource.

20. A computer program product, in a computer readable medium, for authorizing offloading of a grid job in a grid computing system, the computer program product comprising:

instructions for submitting a grid job to a primary grid resource;

instructions, responsive to a certificate request from the primary grid resource, for identifying a secondary grid resource that is to run the grid job;

instructions for performing authorization with the secondary grid resource; and

instructions for generating an invalid proxy certificate and sending the invalid proxy certificate to the primary grid resource if authorization with the grid resource fails.